

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	(US-5881038-\$ or US-5761301-\$ or US-5563946-\$ or US-5493552-\$ or US-5583847-\$ or US-5582891-\$ or US-5898663-\$ or US-6459661-\$ or US-5834158-\$ or US-6118752-\$ or US-6456980-\$ or US-6052465-\$). did. or (US-5805551-\$).did.	USPAT; DERWENT	OR	ON	2007/12/18 08:14
L2	6	L1 and (identification id metadata) and (prepit pre-pit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:14
L4	35431	(optical near (media medium)) and (bar code barcode barcoded) and (bca burst cutting area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:38
L5	1730	4 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:38
L6	11	5 and (stripe near pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:39
L7	3	6 and (id identification)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:42
L8	499	(optical near (media medium)) and (bar code barcode barcoded) and (bca "burst cutting area")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:40

## EAST Search History

L9	2	8 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:40
L10	0	9 and (stripe near pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:39
L11	368	(optical near (media medium)) and (bar code barcode barcoded) and "burst cutting area"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:41
L12	0	11 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:42
L13	162	(optical near (media medium)) and (stripe near pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 10:04
L14	31	13 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:58
L15	4	14 and (id identification)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:54

## EAST Search History

L16	0	15 and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:16
L22	3	14 and (stripe near pattern) and radius	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:13
L23	0	14 and (stripe near pattern) same radius	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:08
L24	3	14 and (strip\$2 near pattern) and radius	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:13
L25	2	14 and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:17
L27	718	(fm "frequency modulation") and (limiting near circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:32
L28	345	27 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:31

## EAST Search History

L29	0	28 and "limiting circuit" near (image figure picture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:31
L30	317	(fm "frequency modulation") and demodulation and ((limit limiting) near (circuit diagram image picture figure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:37
L31	2	"5548831".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:38
L32	2	"4087641".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:39
L33	4	15 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 10:06
L34	11	L1 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 10:02
L35	25	(optical near (media medium)) and ((stripe striped) near pattern) and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:02

## EAST Search History

L36	2	35 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:03
L37	24	35 and radius	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 10:14
L38	23	(US-20040181488-\$).did. or (US-6118752-\$ or US-6456980-\$ or US-6459661-\$ or US-5881038-\$ or US-5583847-\$ or US-5563946-\$ or US-5898663-\$ or US-5493552-\$ or US-5834158-\$ or US-6272095-\$ or US-5761301-\$ or US-6052465-\$ or US-5582891-\$ or US-5382776-\$ or US-6052487-\$ or US-5432329-\$ or US-5202898-\$ or US-5428599-\$ or US-5447767-\$ or US-5281371-\$). did. or (US-5805551-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 10:47
L39	0	38 and (id identification identity) and ((strip\$2 near pattern) same radius) and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 10:48
L40	1	38 and (id identification identity) and (strip\$2 near pattern) and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 10:21
L41	1	38 and (id identification identity) and (strip\$2 with pattern) and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 10:21
L42	1	38 and (id identification identity) and (strip\$2 same pattern) and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 10:23
L43	6	38 and (id identification identity) and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 10:46
L44	1	38 and (id identification identity) and (pre-pit prepit "pre pit") and (strip\$2 near pattern)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 11:13
L45	13	38 and (id identification identity) and reproduc\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 10:45
L46	5	38 and (id identification identity) and (pre-pit prepit "pre pit") and reproduc\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 11:15

## EAST Search History

L47	5	38 and (id identification identity) and ((credit bank debit) near card)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 11:03
L48	61	(optical near disk) and ((stripe striped) near pattern) and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:29
L49	3	48 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:03
L50	1	49 and (id identification identity) and ((credit bank debit) near card)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 11:06
L51	5	38 and (id identification identity) and ((credit bank debit) near card)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 11:06
L52	8	38 and (strip\$2 near pattern)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 11:15
L53	3	52 and (pre-pit prepit "pre pit") and reproduc\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/18 11:16
L54	9	38 and (pre-pit prepit "pre pit")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:30
S1	1	10/809,498	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:04
S2	62	"5881038"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:04

## EAST Search History

S3	2	"5881038".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:06
S4	2	"5761301".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 14:04
S5	2	"5563946".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 15:20
S6	10	08/849,468	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 15:20
S11	2	"5493552".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 16:26
S12	2	"5583847".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 16:27
S13	2	"5582891".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 07:28

## EAST Search History

S14	4	"5898663".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 08:11
S15	2	"5953310".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 08:14
S16	2	"6459661".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 08:23
S17	2	"5834158".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 08:28
S18	2	"6118752".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 08:31
S19	2	"6456980".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 08:32
S20	1333	(identification id) and (prepit pre-pit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 09:43



## EAST Search History

S21	97	S20 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 08:35
S22	0	S21 and (certif\$3 verif\$3 authentikat\$3) same server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 08:36
S23	1	S21 and stripe\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 09:29
S24	14	(US-5881038-\$ or US-5761301-\$ or US-5563946-\$ or US-5493552-\$ or US-5583847-\$ or US-5582891-\$ or US-5898663-\$ or US-6459661-\$ or US-5834158-\$ or US-6118752-\$ or US-6456980-\$ or US-6052465-\$). did. or (US-5805551-\$).did.	USPAT; DERWENT	OR	ON	2007/12/12 08:55
S25	2	"6272095".pn.	USPAT; DERWENT	OR	ON	2007/12/12 08:55
S26	0	S21 and authoriz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 09:32
S27	1	S21 and (authoriz\$5 authentikat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 09:33
S28	3	S21 and (network server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 09:33

## EAST Search History

S29	6	S24 and (identification id) and (prepit pre-pit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 09:50
S31	11	S24 and @ad<="19961008"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 09:53
S32	4	S31 and (identification id metadata) and (prepit pre-pit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/12 09:54
S33	16	(US-20040181488-\$).did. or (US-5834158-\$ or US-6272095-\$ or US-5881038-\$ or US-6052465-\$ or US-6459661-\$ or US-5493552-\$ or US-6118752-\$ or US-5898663-\$ or US-5563946-\$ or US-5761301-\$ or US-6456980-\$ or US-5583847-\$ or US-5582891-\$).did. or (US-5805551-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/17 15:27
S34	4	S33 and (pre-pit prepit "pre pit") near region	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/17 15:34
S35	3	S34 and (id identification) near information	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/17 16:06
S36	1	S35 and ("credit card" password (bank near card))	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/17 16:07
S37	2	"6611820".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 16:19